

CLAIMS

What is claimed is:

1. A knee joint prosthesis system adapted to replace the articulating knee portion of a femur and a tibia, the femur having a resected engagement surface, said knee joint prosthesis system comprising:

a first femoral component having:

a first overall anterior to posterior dimension;

a first overall medial to lateral dimension; and

a second femoral component having:

a second overall anterior to posterior dimension that is substantially the same as said first overall anterior to posterior dimension; and

a second overall medial to lateral dimension that is different than said first overall medial to lateral dimension.

2. The knee joint prosthesis system of Claim 1, wherein said first femoral component has a first interior anterior/posterior dimension and said second femoral component has a second interior anterior/posterior dimension that is substantially the same as said first interior anterior/posterior dimension.

3. The knee joint prosthesis system of Claim 1, further comprising a tibial component operable to be attached to the tibia and having a tibial bearing surface.

4. The knee joint prosthesis system of Claim 3, further comprising a bearing member operable to be positioned between one of said first and said second femoral components and said tibial component.

5. The knee joint prosthesis system of Claim 4, wherein said bearing member is selected from a group consisting of a fixed bearing and a mobile bearing.

6. The knee joint prosthesis system of Claim 1, wherein said first femoral component is a first cruciate femoral component and said second femoral component is a second posterior stabilized (PS) femoral component.

7. The knee joint prosthesis system of Claim 1, wherein said first femoral component is a first cruciate femoral component and said second femoral component is a second fully constrained femoral component.

8. The knee joint prosthesis system of Claim 1, wherein said first femoral component further comprises a first internal mating shape and said second femoral component further comprises a second internal mating shape, said first internal mating shape being substantially the same as said second internal mating shape.

9. The knee joint prosthesis system of Claim 1, wherein said first femoral component further comprises a first internal mating shape and said second femoral component further comprises a second internal mating shape, said first internal mating shape being different than said second internal mating shape.

10. A knee joint prosthesis system adapted to replace the articulating knee portion of a femur and a tibia, the femur having a resected engagement surface, said knee joint prosthesis system comprising:

a first femoral component having:

a first interior anterior/posterior dimension;

a first overall medial/lateral dimension; and

a second femoral component having:

a second interior anterior/posterior dimension that is substantially the same as said first interior anterior/posterior dimension; and

a second overall medial/lateral dimension that is different than said first overall medial/lateral dimension.

11. The knee joint prosthesis system of Claim 10, wherein said first femoral component further comprises a first overall anterior to posterior dimension and said second femoral component further comprises a second overall anterior to posterior dimension, said first overall anterior/posterior dimension being substantially the same as said second overall anterior/posterior dimension.

12. The knee joint prosthesis system of Claim 10, wherein said first femoral component further comprises a first overall anterior to posterior dimension and said second femoral component further comprises a second overall anterior to posterior dimension, said first overall anterior/posterior dimension being different than said second overall anterior/posterior dimension.

13. The knee joint prosthesis system of Claim 10, further comprising a tibial component operable to be attached to the tibia and having a tibial bearing surface.

14. The knee joint prosthesis system of Claim 10, further comprising a bearing member operable to be positioned between at least one of said first femoral component and said second femoral component and said tibial component

15. The knee joint prosthesis system of Claim 14, wherein said bearing member is selected from a group consisting of a fixed bearing and a mobile bearing.

16. The knee joint prosthesis system of Claim 10, wherein said first femoral component further comprises a first internal mating shape and said second femoral component further comprises a second internal mating shape, said first internal mating shape being different than said second internal mating shape.

17. The knee joint prosthesis system of Claim 10, wherein said first femoral component further comprises a first internal mating shape and said second femoral component further comprises a second internal mating shape, said first internal mating shape being substantially the same as said second internal mating shape.

18. A knee joint prosthesis system adapted to replace the articulating knee portion of a femur and a tibia, the femur having a resected engagement surface, the knee joint prosthesis system comprising:

a first femoral component having:

a first posterior condylar region having a first thickness;

a first overall medial to lateral dimension; and

a second femoral component having:

a second posterior condylar region having a second thickness that is different than said first thickness;

a second overall medial to lateral dimension that is different than said first overall medial to lateral dimension.

19. The prosthesis system of Claim 18, wherein said first femoral component further comprises a first overall anterior to posterior dimension and said second femoral component further comprises a second overall anterior to posterior dimension that is different than said first overall anterior to posterior dimension.

20. The prosthesis system of Claim 18, wherein said first femoral component further comprises a first overall anterior to posterior dimension and said second femoral component further comprises a second overall anterior to posterior dimension that is substantially the same as said first overall anterior to posterior dimension.

21. The prosthesis system of Claim 18, wherein said first femoral component further comprises a first interior anterior/posterior dimension and said second femoral component further comprises a second interior anterior/posterior dimension that is substantially the same as said first interior anterior/posterior dimension.

22. The prosthesis system of Claim 18, wherein said first femoral component further comprises a first internal mating shape and said second femoral component further comprises a second internal mating shape, said first internal mating shape being different than said second internal mating shape.

23. The prosthesis system of Claim 18, wherein said first femoral component further comprises a first internal mating shape and said second femoral component further comprises a second internal mating shape, said first internal mating shape being substantially the same as said second internal mating shape.

24. A method for implanting a femoral component of a knee joint prosthesis system to a femur having a resected engagement surface, said method comprising:

resecting the femur to provide the resected engagement surface;

providing a first femoral component having a first medial/lateral dimension and a first interior anterior/posterior dimension;

providing a second femoral component having a second medial/lateral dimension that is different than said first medial/lateral dimension and a second interior anterior/posterior dimension that is at least substantially the same as said first interior anterior/posterior dimension.

determining whether said first femoral component or said second femoral component is properly sized to fit said resected engagement surface;
and

securing either said first femoral component or said second femoral component to said femur.

25. The method of Claim 24, wherein said first femoral component further comprises a first overall anterior/posterior dimension and said second femoral component further comprises a second overall anterior/posterior dimension that is substantially the same as said first overall anterior/posterior dimension.

26. The method of Claim 24, wherein said first femoral component further comprises a first overall anterior/posterior dimension and said second femoral component further comprises a second overall anterior/posterior dimension that is different than said first overall anterior/posterior dimension.

27. The method of Claim 27, wherein said first femoral component further comprises a first internal mating shape and said second femoral component further comprises a second internal mating shape, said first internal mating shape being different than said second internal mating shape.

28. The method of Claim 24, wherein said first femoral component further comprises a first internal mating shape and said second femoral component further comprises a second internal mating shape, said first internal mating shape being substantially the same as said second internal mating shape.